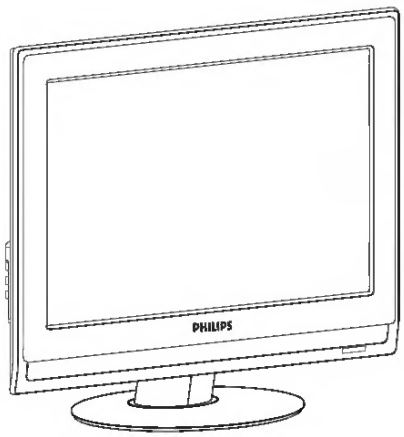
# FLAT TV

# 19PFL4322

# User Manual
# Guía del usuario

English

Español




Exportador:
Philips Consumer Electronics
País de Origen: China

**For Customer Use / À l'usage du client /**
**Para Uso del Cliente / Para uso do Cliente**

Model / Model / Model / Model : _____
Serial / Serial / Serial / Serial : _____

Importado para México por:
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PHILIPS

**LEA CUIDADOSAMENTE ESTE INSTRUCTIVO ANTES DE USAR SU APARATO**

P41T9025-813-1A

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How to make the optimal connection
Comment réaliser une bonne connexion
Cómo realizar la mejor conexión
Como fazer a melhor conexão

| | | | | |
|---|---|---|---|---|
| | Better<br>Component Video input<br>Provides superior picture quality by separating the green, blue and red luminance signals. Typically used with red/white audio cables. | Excellente<br>Entrée vidéo composant<br>Fournit une qualité d'image supérieure en séparant les signaux de luminance vert, bleu et rouge. Utilisée généralement avec les câbles audio rouge/blanc.<br>Remarque: l'entrée vidéo composant aparaît sur le tableau de connexions comme YPbPr. | Mejor<br>Entrada de video componente Proporciona calidad de imagen superior al separar las señales de luminancia verde, azul y roja. Se usa normalmente con cables de audio rojo/blanco.<br>Nota: La entrada de video componente se muestra en el panel de conexión como YPbPr. | Melhor<br>Entrada de vídeo componente<br>Proporciona qualidade de imagem superior, separando os sinais de luminância de verde, azul, vermelho. Normalmente usado com cabos de áudio vermelho/branco. |
| | Good<br>S-Video<br>Supplies a better picture than RF and Composite connections. Used with red/white audio cables. | Bonne<br>S-Vidéo<br>Fournit une meilleure image que les connexions RF et composite. Utilisée avec les câbles audio rouge/blanc. | Buena<br>S-Video<br>Brinda una mejor imagen que las conexiones RF y compuestas. Se usa con cables de audio rojo/blanco. | Boa<br>S-Video<br>Oferece uma imagem melhor que as conexões de RF e vídeo composto. Usado com cabos de áudio vermelho/branco. |
| | Basic<br>Composite Audio/Video<br>Separate video (yellow) and audio (red/white) cables that provide a basic connection from the cable box and other devices.<br>Note: The color of audio inputs may differ, e.g. red/ white or red/ black. | De base<br>Audio/Vidéo Composite<br>Câbles vidéo (jaune) et audio (rouge/blanc) séparés fournissant une connexion de base à partir du boîtier de connexion et autres dispositifs.<br>Remarque: La couleur des entrées audio peut varier, par ex. rouge/blanc ou rouge/noir. | Básica<br>Audio/Video Compuesto Cables de video (amarillo) y audio (rojo/blanco), que proporcionan una conexión básica de la caja de cable y otros dispositivos.<br>Nota: El color de las entradas de audio puede diferir, por ej., rojo/blanco o rojo/negro. | Básico<br>Áudio/vídeo composto<br>Cabos de vídeo (amarelo) e de áudio (vermelho/branco) separados que proporcionam uma conexão básica de um decodificador de TV a cabo ou outros dispositivos.<br>Nota: a cor das entradas de áudio pode variar, por exemplo, vermelho/branco ou vermelho/preto. |
| | RF<br>Provides a basic connection for antenna or cable. Provides both audio and video. | RF<br>Fournit une connexion de base pour l'antenne ou le service et la vidéo. | RF<br>Proporciona una conexión de antena o cable básica. Suministra audio y video. | RF<br>Proporciona uma conexão básica para antena ou cabo. Produz áudio e vídeo. |


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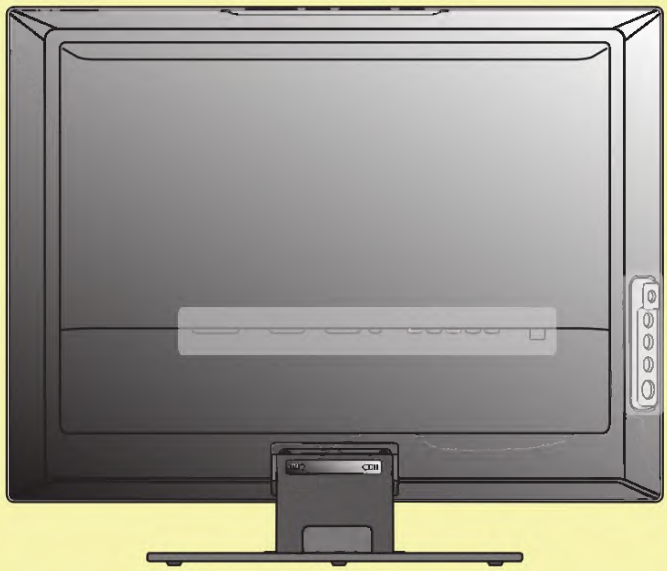

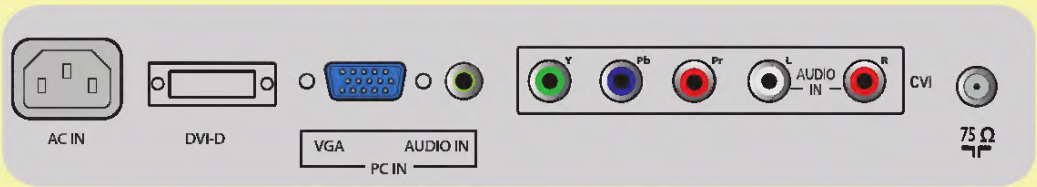


7SΩ/ RF
CVI - Component Video (YPbPr),
Audio L/R input
PC - VGA, Audio
DVI-D
AC In
Side AV - Earphone,
Composite Video (Video In),
S-Video, Audio L/R input,

7S Ω / RF
CVI - Vidéo composante (YPbPr),
Entrée audio G/D
Ordinateur - VGA, Audio
DVI-D
Entrée CA
Side AV - Écouteurs,
Vidéo composite (entrée Vidéo),
S-vidéo, Entrée audio G/D,

7S Ω / RF
CVI - Video por Componente (YPbPr),
Entrada de Audio Izq. /Der.
PC - VGA, Audio
DVI-D
Entrada CA
Side AV - Audífono,
Video Compuesto (Video In),
S-video, Entrada de Audio Izq. /Der. ,

7SΩ/ RF
CVI - Vídeo componente (YPbPr),
Entrada de áudio E/D
PC - VGA, áudio
DVI-D
AC IN (entrada de ca)
Side AV - fone de ouvido,
Vídeo composto (VIDEO IN),
S-Video, entrada de áudio E/D,


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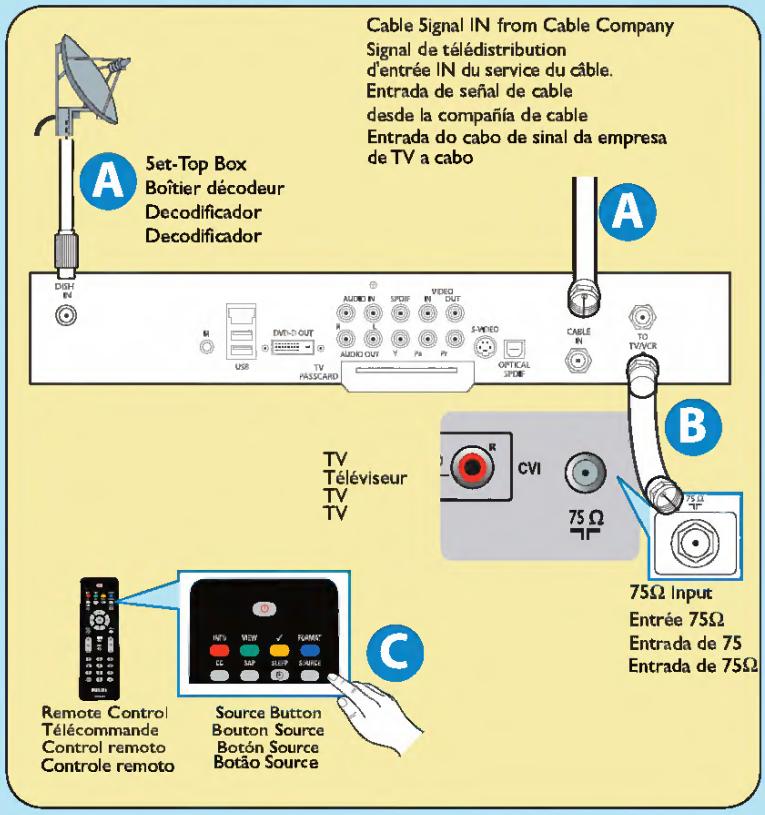
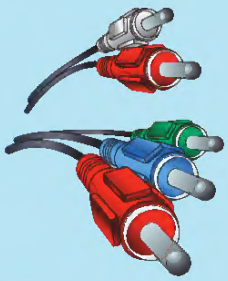
## 1 Set-Top Box to TV
## Boîtier de décodage vers téléviseur
## De la caja superior o caja de cable al TV
## Decodificador para TV

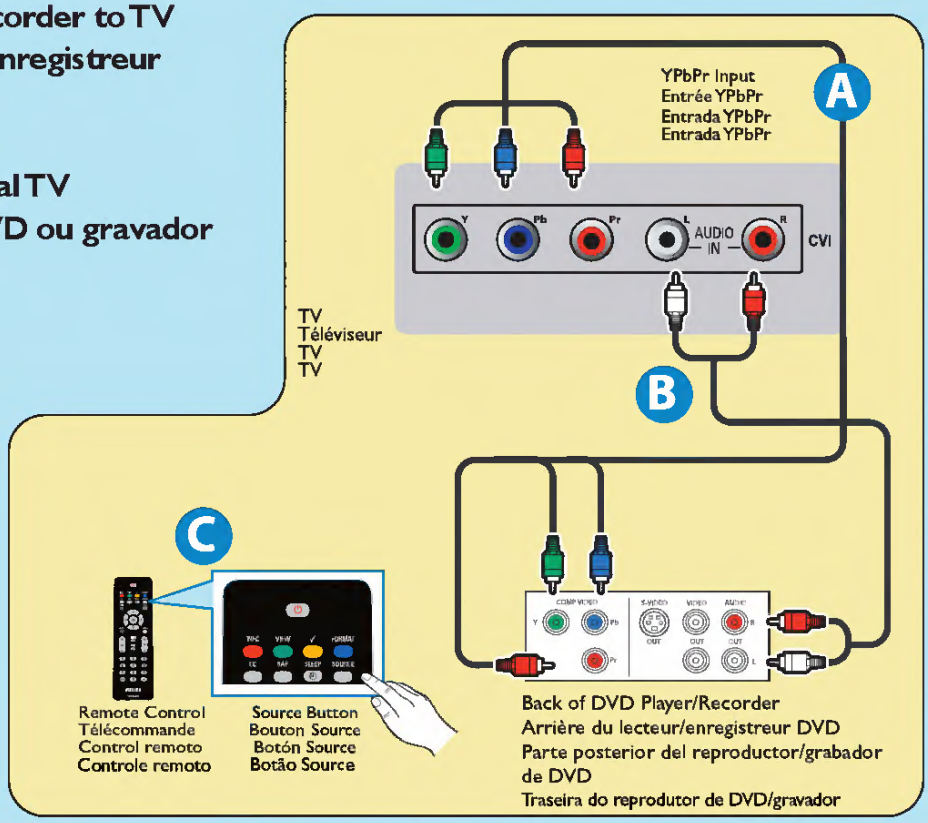
RF




## 2 DVD Player or Recorder to TV
## Lecteur DVD ou Enregistreur vers téléviseur
## Del reproductor o grabador de DVD al TV
## Reprodutor de DVD ou gravador para TV



Component Video Input
/Entrée vidéo composant
/Entrada de video componente
/Entrada de vídeo componente



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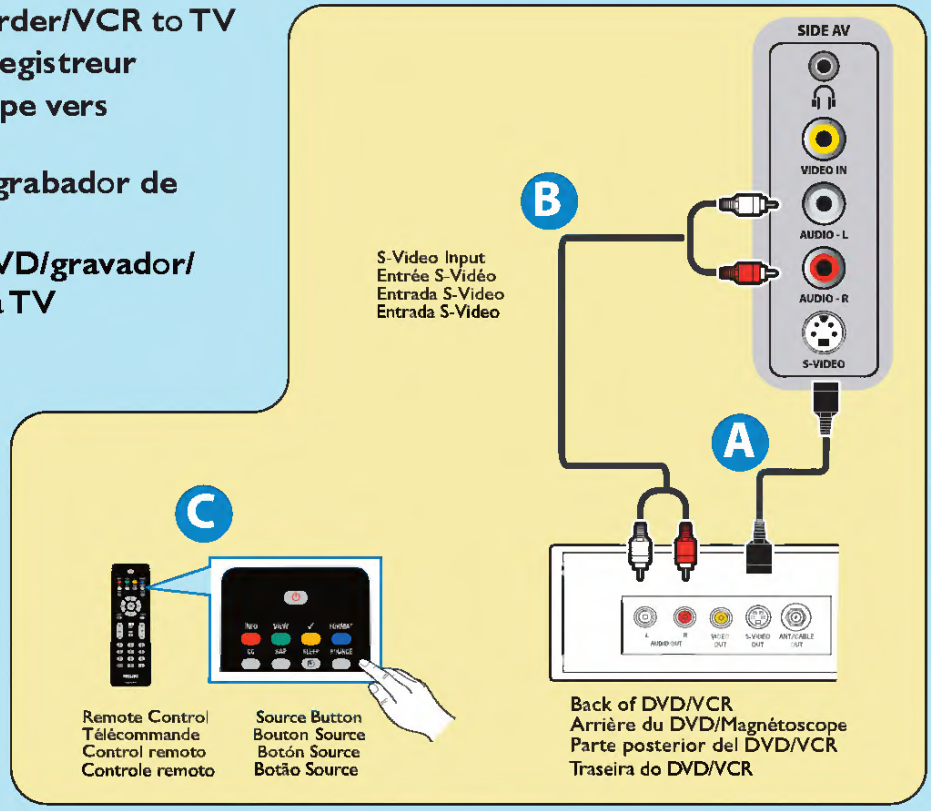
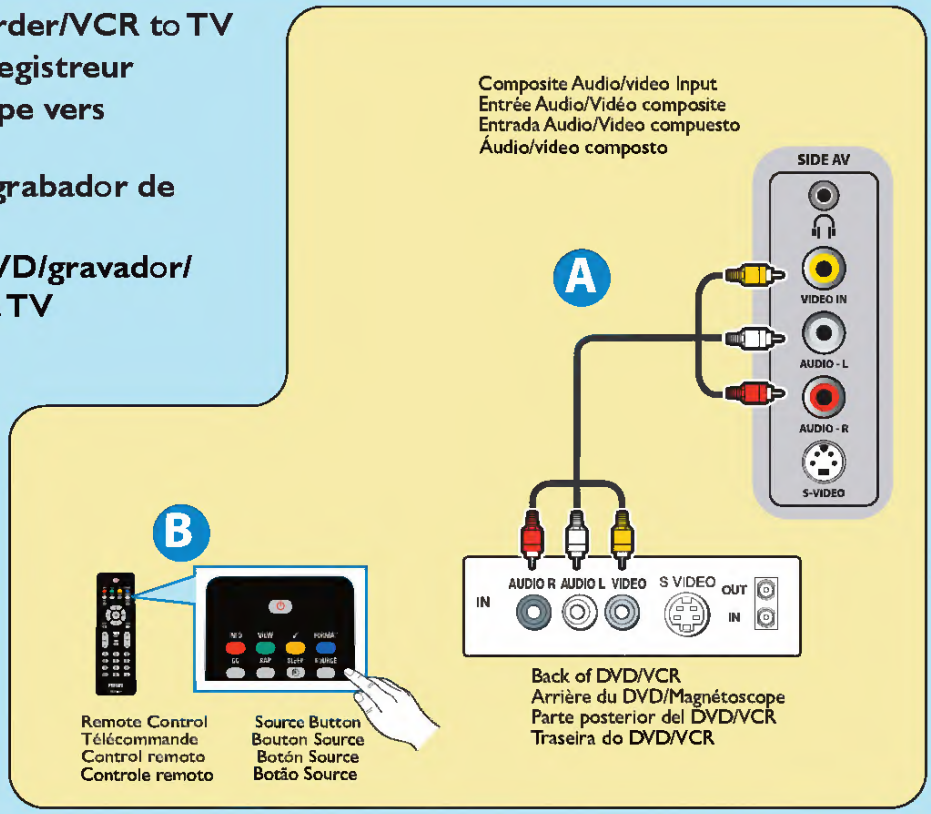
## 3 DVD Player/Recorder/VCR to TV
## Lecteur DVD/Enregistreur DVD/Magnétoscope vers téléviseur
## Del reproductor/grabador de DVD/VCR al TV
## Reprodutor de DVD/gravador/ videocassete para TV

S-Video
/S-Vidéo
/S-Video
/S-Video




## 4 DVD Player/Recorder/VCR to TV
## Lecteur DVD/Enregistreur DVD/Magnétoscope vers téléviseur
## Del reproductor/grabador de DVD/VCR al TV
## Reprodutor de DVD/gravador/ videocassete para TV

Composite Audio-video
/Audio-Vidéo composite
/Audio-Video compuesto
/Entrada de áudio/vídeo composto





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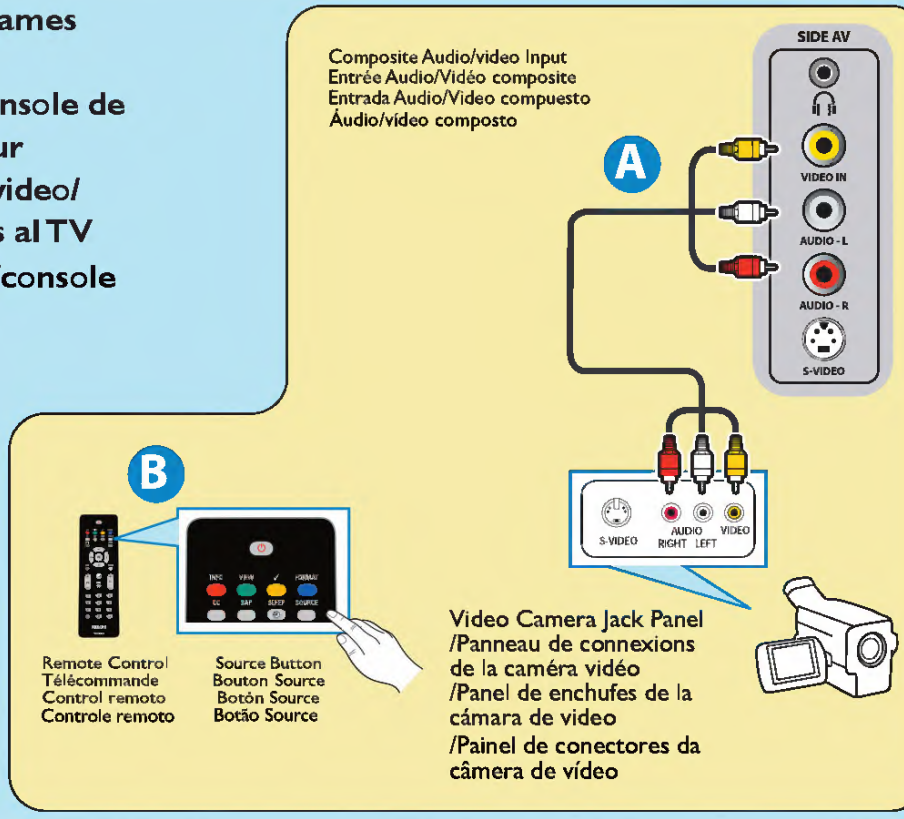
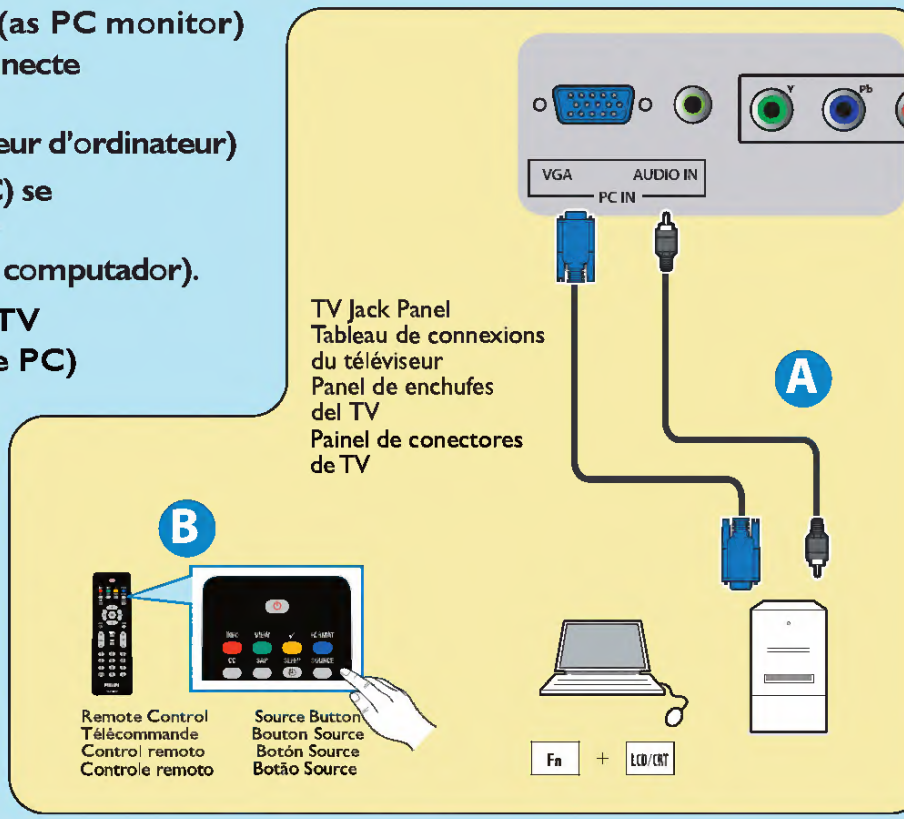
## 5 Video Camera /Games Console to TV
## Caméra vidéo/Console de jeux vers téléviseur
## De la cámara de video/ Consola de juegos al TV
## Câmera de vídeo/console de jogos para TV

Composite Audio-video /Audio-Vidéo composite /Audio-Video compuesto /Áudio/vídeo composto




## 6 PC connects to TV (as PC monitor)
## L'ordinateur se connecte sur un téléviseur (en tant que moniteur d'ordinateur)
## El computador (PC) se conecta al televisor (como monitor del computador).
## PC conectado ao TV (como monitor de PC)





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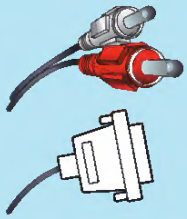
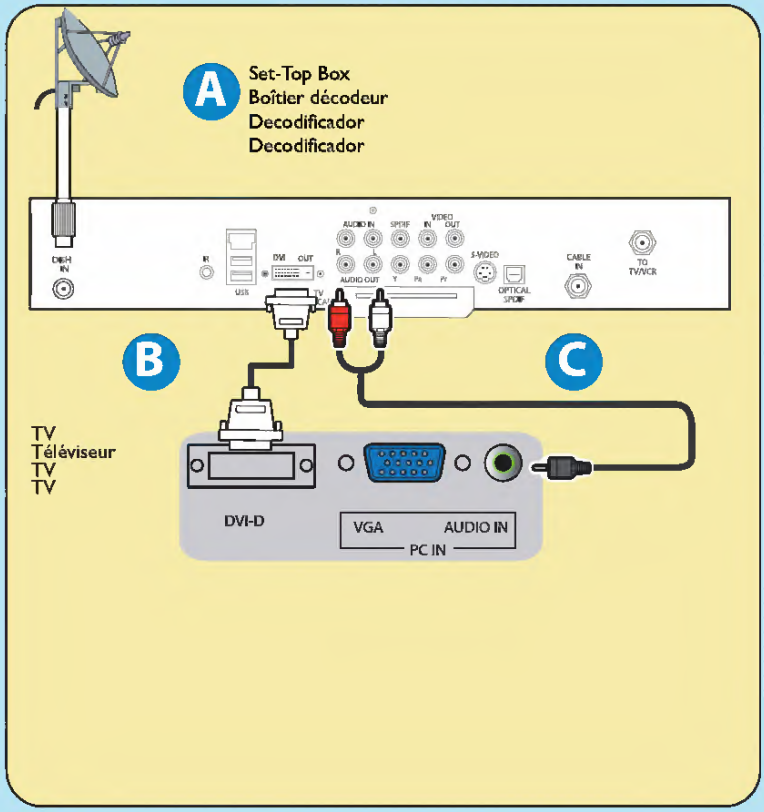
## 7 Set-Top Box to TV
## Boîtier de décodage vers téléviseur
## De la caja superior o caja de cable al TV
## Decodificador para TV







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|---|---|---|
| Returning the enclosed card guarantees that your date of purchase will be on file, so no additional paperwork will be required from you to obtain warranty service. | By registering your product, you'll receive notification directly from the manufacturer - in the rare case of a product recall or safety defect. | Registering your product guarantees that you'll receive all of the privileges to which you're entitled, including special money-saving offers. |

# PHILIPS

***Congratulations on your purchase, and welcome to the "family!"***

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Thank you for your confidence in PHILIPS. You've selected one of the best-built, best-backed products available today. We'll do everything in our power to keep you happy with your purchase for many years to come.

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All of this is our way of saying welcome - and thanks for investing in a PHILIPS product.

**P.S. To get the most from your PHILIPS purchase, be sure to complete and return your Product Registration Card at once.**

## *Know these* **safety** *symbols*

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This "bolt of lightning" indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The "exclamation point" calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.

**WARNING**: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

**CAUTION**: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

**ATTENTION**: Pour éviter les choc électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

**For Customer Use**
Enter below the Serial No. which is located on the rear of the cabinet. Retain this information for future reference.
Model No._____
Serial No. _____



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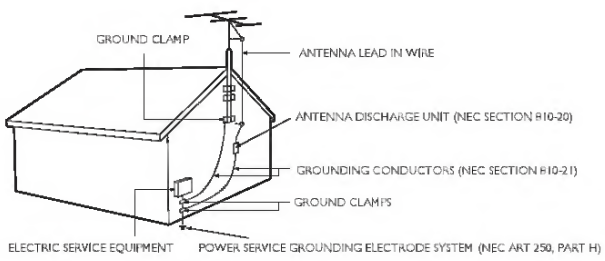
# IMPORTANT SAFETY INSTRUCTIONS

## Read before operating equipment

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings.
   Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. **Damage Requiring Service** - The appliance should be serviced by qualified service personnel when:
    A. The power supply cord or the plug has been damaged;
    B. Objects have fallen, or liquid has been spilled into the appliance;
    C. The appliance has been exposed to rain
    D. The appliance does not appear to operate normally or exhibits a marked change in performance;
    E. The appliance has been dropped, or the enclosure damaged.
16. **Tilt/Stability** - All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinet design.
    • Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet which could ultimately overturn the product.
    • Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
17. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
18. **Power Lines** - An outdoor antenna should be located away from power lines.
19. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
    Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Figure below.
20. **Object and Liquid Entry** - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
21. **Battery Usage CAUTION** - To prevent battery leakage that may result in bodily injury, property damage, or damage to the unit:
    • Install all batteries correctly, with + and - aligned as marked on the unit.
    • Do not mix batteries (old and new or carbon and alkaline, etc.).
    • Remove batteries when the unit is not used for a long time.
22. For ventilation, leave at least 4" to 6" free all around the TV. Do not place the TV on a carpet.
23. The equipment shall not be exposed to dripping or splashing.
24. The equipment shall not be exposed to rain or moisture and objects filled with liquids, such as vases, shall be placed on the apparatus.
25. The apparatus must be connected to a mains socket outlet with a protected earthed connection.
26. The appliance coupler is used as the disconnect device of this apparatus, the disconnect device shall remain readily operable.

**Note to the CATV system installer:**
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

**Example of Antenna Grounding as per NEC - National Electric Code**


GROUND CLAMP
ANTENNA LEAD IN WIRE
ANTENNA DISCHARGE UNIT (NEC SECTION 810-20)
GROUNDING CONDUCTORS (NEC SECTION 810-21)
GROUND CLAMPS
ELECTRIC SERVICE EQUIPMENT
POWER SERVICE GROUNDING ELECTRODE SYSTEM (NEC ART 250, PART H)



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## Precaution

*ADDITIONAL SAFETY PRECAUTIONS*

- *ENSURE thot LCD TV stand is tightened properly to the set on the right woy of tightening of the screw of the stond to the set. Improper tightening of screw may render the set unsafe.*
- *If LCD TV is installed on the woll, instollotion should be corried out by quolified servicemen. Improper or incorrect instollotion moy render the set unsofe.*
- *Disconnect moin plug when :*
  - *— cleoning the TV screen, never use obrosive cleoning ogents.*
  - *— there is o lightning storm.*
  - *— the set is left unattended for o prolonged period of time.*
- *Do not shift or move the LCD TV oround when it is powered on.*
- *Do not touch, push or rub the surfoce of the LCD screen with ony shorp or hord objects.*
- *When the surfoce of the LCD screen becomes dusty, wipe it gently with on obsorbent cotton cloth or other soft moteriol like chomois. DO NOT USE ocetone, toluene or olcohol to cleon the surfoce of the screen. These chemicols will cause domoge to the surfoce.*
- *Wipe off woter or solivo os soon os possible. These liquids con couse deformotion ond color foding of the LCD screen when left exposed for some time.*
- *Be coreful of condensotion when temperoture chonges occur. Condensotion con couse domoge to the LCD screen ond electricolly ports. After condensotion fodes, spots or blemishes will be present on the LCD screen.*

*POSITIONING THE LCD TELEVISION*

- *Ploce the LCD TV on o solid, sturdy bose or stond. Be sure the stond is strong enough to hondle the weight of the LCD TV.*
- *Try to leove ot leost 6" of spoce oround eoch side of the LCD TV cobinet to ollow for proper ventilotion.*
- *Do not ploce the LCD TV neor o rodiotor or other sources of heat.*
- *Do not ploce the LCD TV where it con be exposed to roin or excessive moisture.*

*RECYCLING PROCEDURE/END OF LIFE DISPOSAL*

- *To minimize horm to the environment, the botteries supplied with the LCD TV do not contoin mercury or nickel codmium. If possible, when disposing of botteries, use recycling meons ovoiloble in your oreo.*
- *The LCD TV uses moteriols thot con be recycled. To minimize the omount of woste in the environment, check your oreo for componies thot will recover used televisions for dismontling ond collection of reusoble moteriols, or contoct your deoler for TV recycling tips.*
- *Pleose dispose of the corton ond pocking moteriol through the proper woste disposol monogement in your oreo.*

*This product contoins mercury - (Hg) ond must be recycled or disposed of occording to locol, stote or federol lows. As this moteriol moybe reguloted due to environmental considerations, pleose contoct you locol outhorities or the Electronic Industries Allionce: www.eioe.org*

**IMPORTANT WARNING**
**(ONLY FOR MEXICO)**

**PHILIPS MEXICANA, S.A. DE C.V. WILL NOT BE IN CHARGE BY DAMAGES OR FLAWS CAUSED BY:**

- **MISTREAT, NEGLIGENCE OR BADLY USE, PRESENCE OF INSECTS OR RODENTS (COCKROACHES, MICE ETC.).**
- **WHEN THE SET HAS NOT BEEN OPERATED ACCORDING TO USER GUIDE, OUT OF NOMINAL VALUES AND TOLERANCES OF VOLTAGE, FREQUENCY OF MAINS SUPPLY AND THE CHARACTERISTICS THAT MUST BE FOLLOWED FOR THE ELECTRICAL INSTALLATION.**
- **BY NATURE FENOMENA SUCH AS: STORMS, FLOODS, FIRES, ELECTRICAL DISCHARGES, RAYS ETC. Or CRIMES CAUSED BY THIRD (SHOCKS, ASSAULTS, FIGHTS, ETC.)**



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# Contents

Care of the screen See Tips, p. 27

### End of life directives - Recycling

Philips has paid a lot of attention to producing an environmentally friendly product. Your new TV contains several materials that can be recycled for new uses. At the end of its life, specialized companies can dismantle and recycle this set. This will minimize the amount of materials being disposed of. Please be sure to dispose of this set in accordance with all state and local regulations. Like all LCD products, this set contains a lamp with Mercury, please dispose of according to all Local, State and Federal laws.

### ENERGY STAR

As an ENERGY STAR® Partner, Philips has determined this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a U.S. registered mark. Using products with ENERGY STAR® label can save energy. Saving energy reduces air pollution and lowers utility bills.


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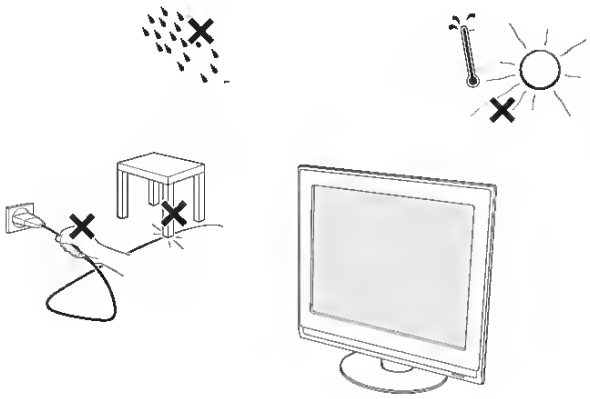

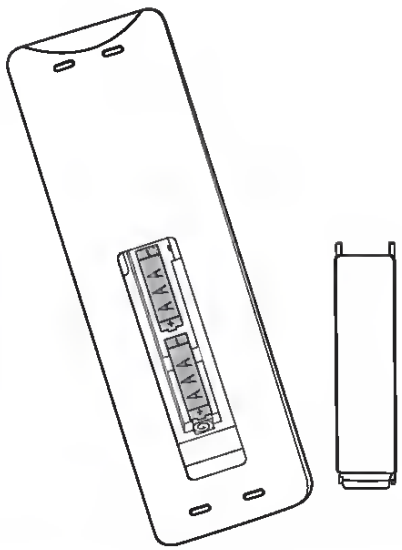

**❶ Do not insert the power plug in a wall socket before all connections are made.**

Place the TV on a solid surface.
For ventilation, leave at least 4" to 6" free all around the TV. Do not place the TV on a carpet. To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing.

### Mounting the TV on the wall

This TV set complies with the VESA standard for wall mounting. Refer to specification page 28 for detail.

**Caution:** Installing the TV requires special skills that should only be performed by qualified personnel. You should not attempt to do the work yourself. Philips bears no responsibility for improper mounting or mounting that results in accident or injury.
Make sure that the wall mount is being fixed securely enough so that it meets safety standards.

**❷ To connect accessory devices,** see Cover and Connection.

**❸ Refer to the bottom of the set (Model label) for the correct operation voltage.**
Insert the power cord into the wall socket.
Consult your local dealer if your main power supply voltage is different than that indicated for the TV. Never place the TV on top of the (AC) cord. Placing the TV on top of the AC cord could cause a fire or electric shock.

**❹ Remote control:**
Insert the two supplied AAA batteries.
The batteries supplied do not contain the heavy metals mercury and cadmium. Please determine and comply with local regulations when disposing of depleted batteries.

**❺ Turn the TV on:**
Press the power switch on the top of the TV. An indicator on the front of the TV lights up.
Press the **POWER** button or the **CH + / -** button on the remote control.

*Note:* ***The first time***
*(ond only the first time) you turn on your set you see on instollotion introduction screen. The* ***installation procedure*** *consists of o series of screens thot guide you through the process.*

❶ After an introduction screen, you are asked to select a language of the TV's on-screen menus.
❷ Press the cursor up/down to highlight your language.
(The text of the header and the info on screen continuously change language.)
❸ Press the OK button.
❹ Follow the on-screen instructions to proceed.

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## Use of the remote control

*Note: Pressing most buttons once will activate the assigned function. Pressing a second time will de-activate it. When a button enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after six seconds or press* ***MENU*** *to remove immediately.*

**Color buttons**
When functions attached to the color buttons are active or selected, the color buttons are shown on screen.

**INFO button**
**Display information:** Press to display (when available) information about the selected TV channel and program or accessory device.

**VIEW**
To display a list of all channels marked as favorite.

**CC button (Close Caption)**
Press the CC button to select CC On, Off or On during mute.

**SAP button (Second Audio Program)**
Press to select a Audio Program if available with the TV programming: MAIN or SAP.

**MENU/EXIT**
Press menu to activate on screen menu on/off.

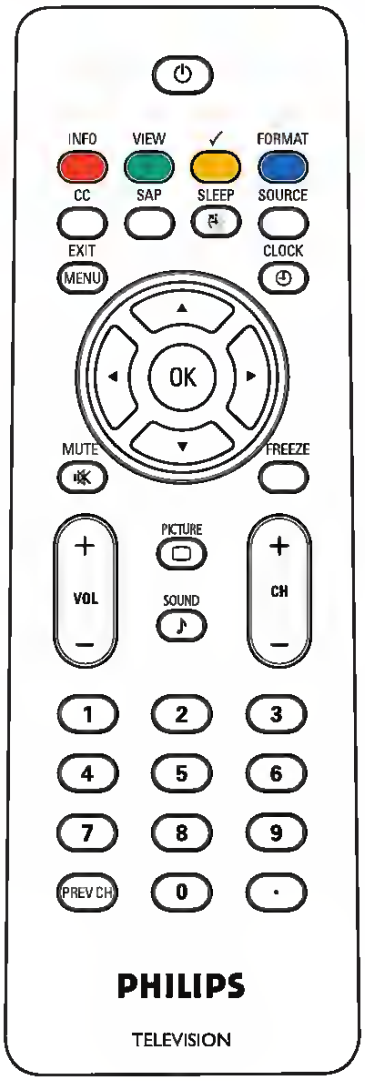
**OK**
- to activate a setting
- to display the list of channels stored (according to the selection made in the Installation mode (Antenna or Cable), p.10.

**MUTE**
Interrupt the sound or restore it.

**VOL + / -** Volume
Press + or - to adjust the volume.

**Smart Picture button**
Press repeatedly to select among Personal, Rich, Natural, Soft, Multimedia or Eco settings.

**Smart Sound button**
Press repeatedly to select among Personal, Speech, Music, Movies.




**POWER**
Press to turn on/off the TV or to standby mode.
*Note: The TV is never powered off completely unless it is physically unplugged.*

√
To add or remove a channel in the favorite list of TV channels.

**Format**
Please refer to page 7.

**Sleep button**
Press to set the LCD TV to turn itself off within a certain time.

**SOURCE**
Press this button repeatedly to select TV, CVI, DVI, Side AV, or PC. When in TV mode, according to where you connected the accessory devices. (see Cover and Connection)

**Clock**
Please refer to page 12.

**FREEZE**
To freeze the picture on the screen, press freeze button. To release, press FREEZE button again.

**Prev CH**
Press to alternate between the currently viewed channel and the previously viewed channel.

**. Dot button**
No function

**Channel selection**
-To browse through the TV channels or sources stored in the preferred channel list.



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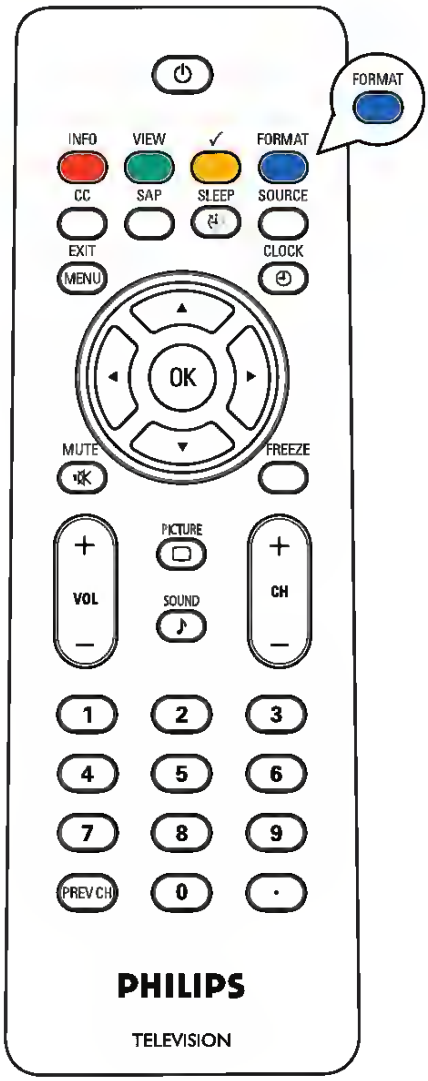
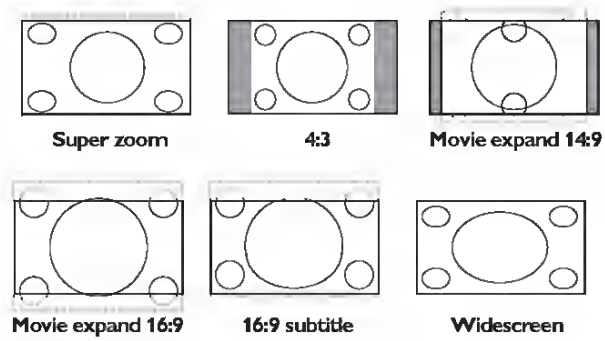



## FORMAT

Press this button to display a list of available display formats. Available display formats are determined by the type of signal you are receiving.
To choose the display format you prefer, press the FORMAT button repeatedly:

For 19PFL4322
Super Zoom, 4:3, Movie expand 14:9,
Movie expand 16:9, 16:9 subtitle and Widescreen.




**4:3:** Entire picture is reproduced on the screen with black bands on the left and right of the screen.

**Super zoom:** Removes black bands on the sides of the screen of 4:3 format programs with minimal distortion.

**16:9 Subtitle:** The 4:3 format program is displayed on the entire screen leaving the subtitles area visible. Some of the top of the picture is cropped off.

**Movie Expand 14:9:** The picture is enlarged to fit horizontally with black bands visible at the sides of the screen.

**Movie Expand 16:9:** The picture is enlarged to fill up the screen and elimi-nate the top and bottom black bands. Some of the top and bottom of the picture is cropped off.

**Widescreen:** The picture is displayed in its original proportions as transmitted.



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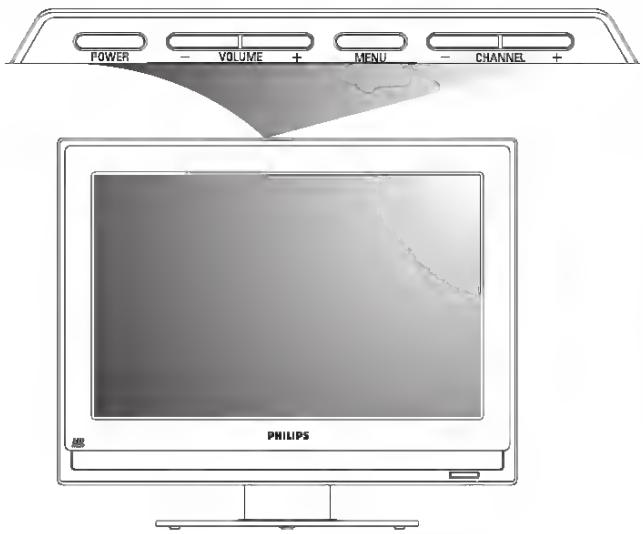
## Buttons on the top of the TV




Should your remote be lost or broken you can still change some of the basic settings with the buttons on the top of your TV.
Press the power switch ⏻ to switch the TV on.
Press:
•the **+ VOLUME** -button to adjust volume;
•the **+ CHANNEL** -buttons to select the TV channels or sources.

The **MENU** button can be used to display the Settings menu without the remote control. **MENU** button can also Exit the menu.
Use:
•the **+ VOLUME** - buttons and the **+ CHANNEL** - buttons to select menu items in the directions as shown;
•the **+ VOLUME** button to confirm your selection.



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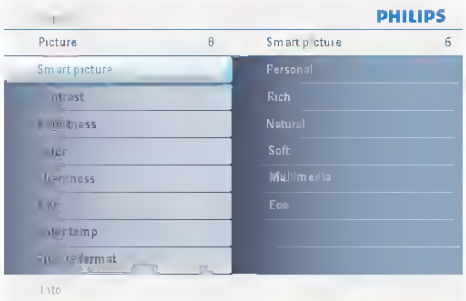
## Introduction

When you use a menu or take an action, convenient instructions, help texts and messages will be displayed on your TV. Please, follow the displayed instructions and read the help text on the specific item highlighted.
The color buttons perform different actions, when using on screen menu. By pressing the corresponding color button on the remote control to perform the required action when using these menus.




## How to navigate through the Settings menus

The Settings menu allows you to access and change settings and preferences settings.

• Press the **MENU** button on the remote control to display the Settings menu.
- Use cursor up/down to highlight and select a menu item on the left panel.

The right panel shows the content of the menu you have highlighted in the left panel.

*Note: Sometimes not all the menu items are visible on the screen. Use cursor down to scroll down to additional items.*

- Use the cursor right to enter the right panel.

The content of the right panel is moved to the left panel and the right panel shows the content of the newly highlighted item in the left panel.
*Note: In some cases, you will want to watch the picture on your screen while adjusting settings. This means that when the highlight is on the right side panel, the other menu items are hidden. When the cursor left is pressed again, the hidden menu items re-appear and the highlight moves to the left panel.*

• Press the cursor left to go one menu level up again.
- Press the **OK** button on the highlighted item to activate.
- Press the **MENU** button again to exit the Settings menu.



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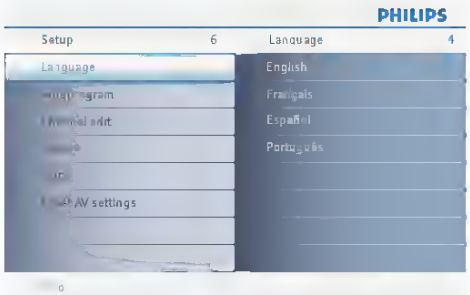
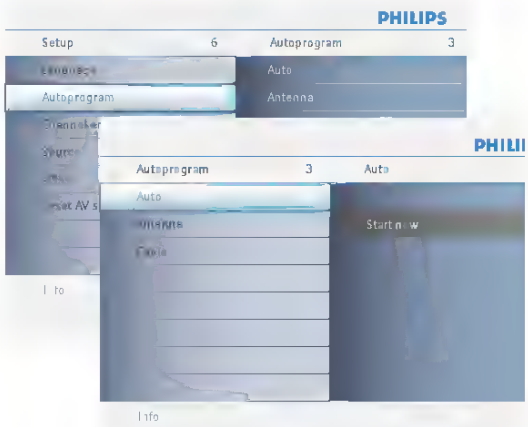



## Select the menu language

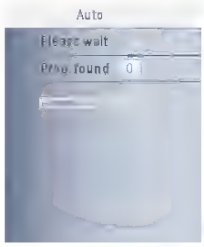
1. Press the **MENU** button on the remote control.
2. Use the cursor down to select **Setup** in the Settings menu.
3. Use the cursor right to enter the Setup menu.
4. Select **Language** and enter the list of available languages with the cursor right.
5. Select your preferred language with the cursor up/down and press the **OK** button to confirm your selection.
6. Proceed with the Setup menu.




## Store TV channels

1. Select **Autoprogram** in the Setup menu.
2. Use the cursor right to enter the Autoprogram menu.
3. Select **Auto**, **Cable** or **Antenna** in the Setup mode.
4. Select **Start now** with the cursor right key.
5. Press the **OK** button.

Make sure that registration with your cable TV provider and connection of equipment are completed.




Auto programming may take up to 2 minutes to complete. Please wait until you see the Auto Programming complete message. The TV will then switch automatically to the first channel found.

*Note: All channels must be unlocked in order to autoprogram. If requested, Access code to unlock all channels. (p. 20)*

*Notes:*

- *When you have locked TV channels before initiating Autoprogram, a message appears asking to Access code in order to complete Autoprogramming*
- *When channel update is interrupted, the new updated channel information is retained. The old un-updated channel information is erased.*
- *Once you have searched for the available Antenna as well as the Cable TV channels, they are stored in the memory.*
- *If Antenna/cable signal is interrupted more than thirty minutes, TV will go into off mode. You are requested to press* ***Power*** *button or* ***CH +*** */* ***-*** *button to turn on the TV.*



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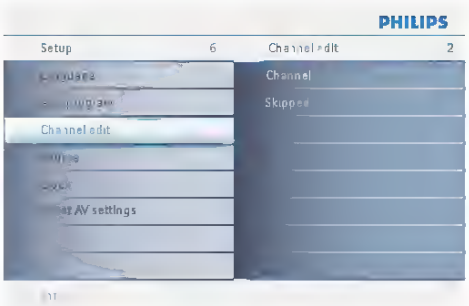


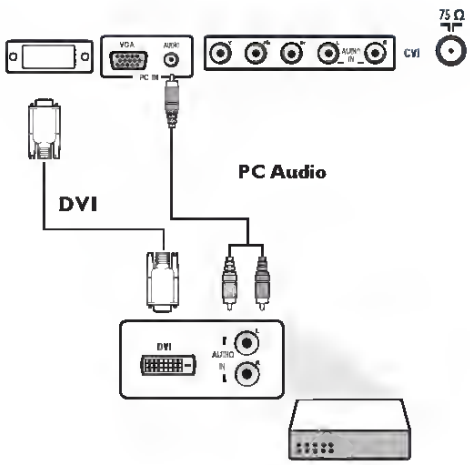

## Channel edit

1. Enter Channel edit by press cursor right.
2. User cursor up/down to select the channel that you want to add or remove.
3. Press the cursor right to confirm.
4. Select Skipped in the Channel edit menu.
5. User the cursor up/down to select Active (to add) or Skipped (to remove) the channel you selected.
6. Press the cursor right to confirm.

## Source

This menu allows you to identify the accessory devices you have connected to the external inputs/outputs.

1. Select **Source** in the **Setup** menu.
2. Press the cursor right to enter the list, and press up/down key to the selected input.
3. Press **OK** button to confirm.




## DVI Audio In

If your accessory device has a DVI output connector, only the video signal is transmitted in digital format. To input an audio signal, please connect the analog audio L and R outputs to the PC audio input plugs.



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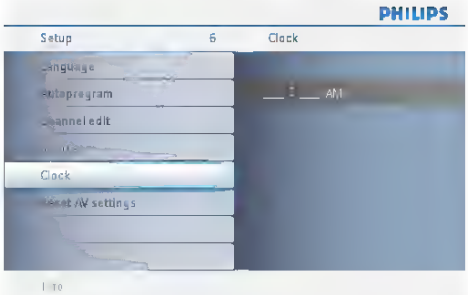
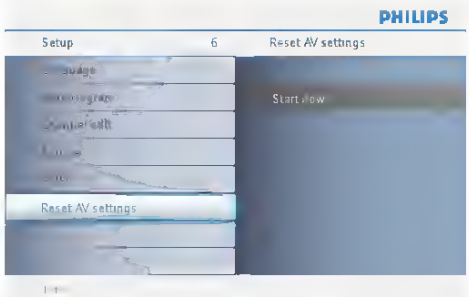



## Clock

This allows you to use your TV as a clock.

1. Press the **MENU** button on the remote control.
2. Use the cursor down to select **Setup** in the Settings menu.
3. Press the cursor right to enter the list, and press up/down key to set the time. (hour/ minute/ AM or PM)
4. Press **OK** button to confirm.




## Reset AV settings

This function allows you to reset most of the picture and sound settings to their default factory levels.

1. Select **Reset AV settings** with the cursor down key.
2. Press the cursor right key.
3. Press the **OK** button to erase settings and reset them to their default values.



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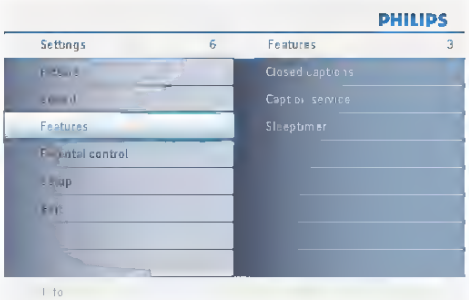


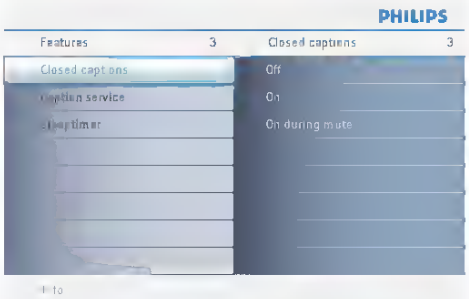


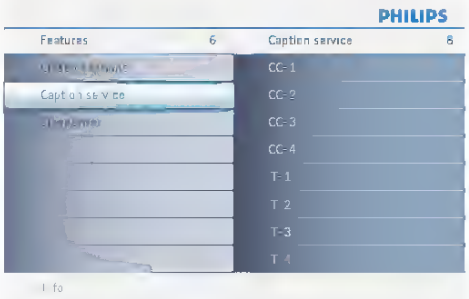


*Nate: The captians da nat always use carrect spelling and grammar. Nat all TV pragrams and praduct cammercials are made far braadcast with Clased Captian infarmatians included.*
*Refer ta yaur area's TV pragram listings far the TV channels and times af Clased Captian pragramming. Captianed pragrams are usually nated in the TV listings with service marks such as* **'CC'**.

## Features menu

1. Select **Features** in the TV Settings menu.
2. Press the cursor right key to enter the features menu.
3. Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.

## Closed captions

This displays the transmitted CC text on the screen according to your chosen CC service in the **Feature** menu. This text can either be permanently displayed (assuming that the service is available in the broadcast) or only when mute is active.

1. Press the cursor right key after having selected Closed captions.
2. Select On, Off or On during mute.

## Caption service

This allows you to select the Closed Captions service levels of analog broadcasting to be displayed.
Closed Captioning allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen 'text boxes' to show dialogue and conversations while the TV program is in progress. Captions will appear on the screen during captioned broadcasts.

1. Select **Captions service**.
2. Press the cursor right key.
3. Select the desired Caption service:
   - CC 1,2,3 or 4
     Dialogue (and descriptions) for the action on the captioned TV program shows on screen.
     Usually CC1 is the most used. CC2 may be used for alternate languages if they are being transmitted.
   - T 1,2,3 or 4
     Often used for channel guide, schedules, bulletin board information for Closed Captions programs, news, weather informations or stock market reports.
     Not all Caption services are necessarily being used by a TV channel during the transmission of a Closed Caption program.
4. See Closed Caption in the TV, Features menu, to turn the Caption service On or Off.
   *Nate: This televisian pravides display af televisian clased captianing canfarming with the EIA-608 standard and in accardance with Sectians 15.119 af the FCC rules.*

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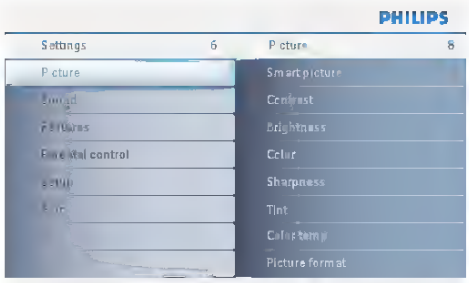
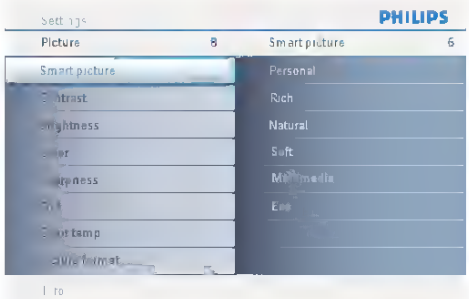
## Sleeptimer

This sets a time period after which the TV automatically turns to standby.

1. Select **Sleeptimer**.
2. Press the cursor right key.
3. Select a value with the cursor up/down key. The list will have values from Off to 180 minutes. When **Off** is selected, the sleeptimer is turned off.
   You can always turn off your TV earlier or select another time set.

# TV menu-Picture & Sound




## Picture menu

*Note: Some menu items ore not ovoiloble in cose of HD sources.*

1. Select **Picture** in the TV Settings menu.
2. Press the cursor right key again to enter the Picture menu.
3. Select the menu items with the cursor up/down key.
4. Adjust the settings with the cursor left/right key or enter the list of submenu items with the cursor right key. Select a submenu item with the cursor up/down key.

### Smart picture

1. Select **Smart picture** to display a list of predefined picture settings, each corresponding with specific factory settings. **Personal** refers to the personal preference settings of picture in the picture menu.
   *Note: This Philips TV hos been set ot the foctory to look best in bright store environments, which typicolly use fluorescent lighting. As your home will likely not be os well lit os o store, we recommend thot you cycle through the vorious smort picture modes to find the one thot best suits your own viewing conditions. Most consumers will find thot* ***Natural*** *is the correct choice.*
2. You can press the **Smart picture** button on the remote control repeatedly to select either Personal, Rich, Natural, Soft, Multimedia, or Eco picture settings.
   *Note:*
   *• The moment you ore in o predefined Smort picture setting ond you modify the Picture menu, oll volues of the menu will overwrite those previously mode in personol setting.*

### Contrast

This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.

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### Brightness

This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.

### Color

This will adjust the saturation level of the colors to suit your personal preference.

### Sharpness

This will adjust the sharpness of fine details in the picture.

### Tint

Allows you to select the picture's color mix or hue.

### Color temp

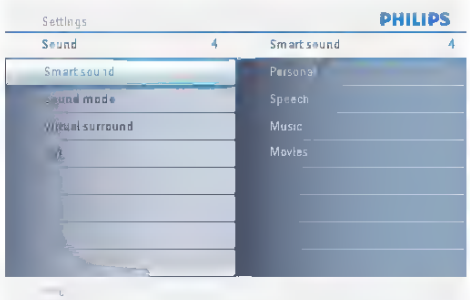
This will increase or decrease **Warm** (red) and **Cool** (blue) colors to suit personal preferences.
Select **Cool** to give the white colors a blue tint, **Normal** to give the white colors a neutral tint, **Warm** to give the white colors a red tint.

### Picture format

This menu item performs the same as the FORMAT button on the remote control. See Use of the remote control, p.7.

## Sound menu

1. Select **Sound** in the TV Settings menu.
2. Press the cursor right key to enter the sound menu.
3. Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.
4. Remember, control settings are at normal mid-range levels when the bar scale is entered.




### Smart sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass.

1. Press the cursor right key to enter the list.
2. Press the cursor up/down key to select a predefined sound setting.

Personal refers to the personal preference sound settings in the sound menu.

*Note: The moment you are in a predefined Smart sound setting and you modify the Sound menu, all values of the menu will overwrite those previously made in personal setting*

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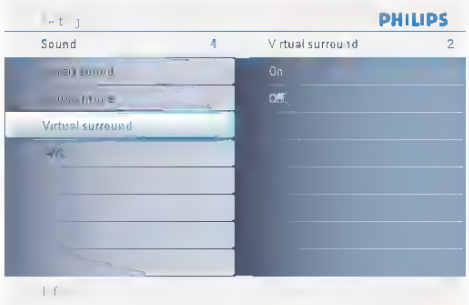
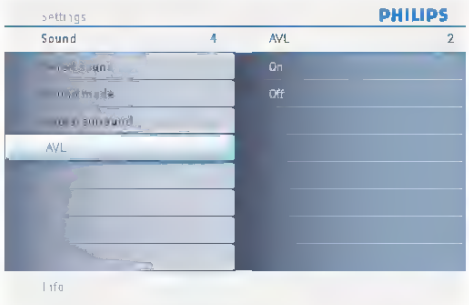
### Sound mode

This select the modes for more spatial or surround sound reproduction dependent on the broadcast signals or signals from external inputs received.




### Virtual surround

Adds greater depth and dimension to TV sound.




### AVL (Automatic Volume Leveler)

Automatically reduces the volume differences between channels and programs, providing a more constant overall level. This will also reduce the dynamics of sound.



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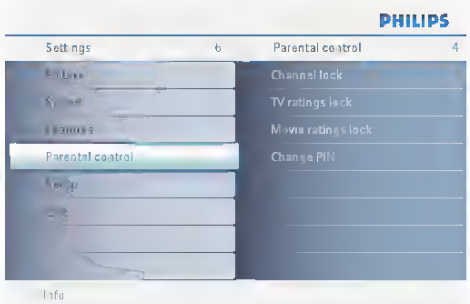
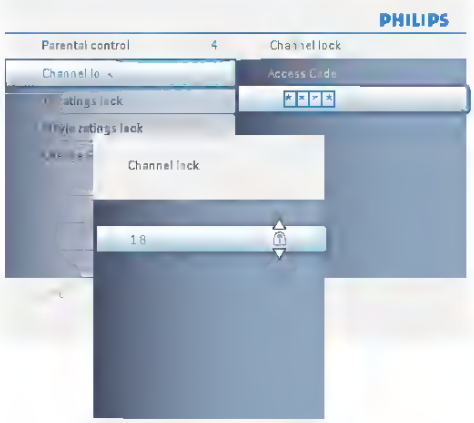



## Parental Control menu

This menu can control special functions for the TV channels.

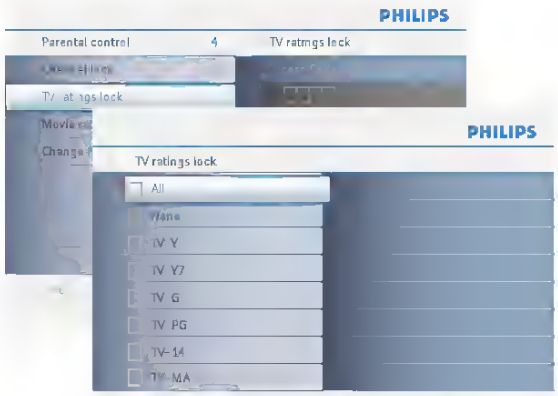
1. Select **Parental Control** in the TV settings menu with the cursor up/down key.
2. Press the cursor right to enter the channels menu.
3. Press the cursor up/down key to select a channels menu item.




## Channel lock

This allows you to completely lock a certain TV channel or external source.

1. Key in the channel number.
2. Select your option "Lock" or "Unlock" with the cursor up/down key.
3. Press **OK** to confirm.




## TV ratings lock

Your TV is equipped with a V-chip. This allows you to control access to individual programs based on their movie and TV ratings. All settings apply to all AV inputs, except CVI. The program content advisory data are sent by the broadcaster or program provider.

1. Select **TV ratings** lock with the cursor down. A list appears, showing the age-based TV ratings and a corresponding content-based ratings list.
2. Press the cursor right to enter the list.
3. Select an age-based TV rating with the cursor up/down, and enter, if present, the list with content-based ratings with the cursor right, and select one content-based rating.
4. Press **OK** to activate/de-activate the selected rating. You are asked to Access code (see Set/Change PIN, p. 20). If the code is correct, the TV ratings lock menu reappears.
5. Select another content-based rating if you like and press **OK** again.

You need only access code once while the menu is active. You can lock/unlock any number of ratings on the list without re-entering your code.
Each ratings item has a box-graphic in front of it to indicate whether or not programs carrying that rating are currently locked:

- ☒ : all items in the contents-based list are locked as well;
- ☐ : the item is unselected;
- ☑ : some content-based ratings are selected/unselected.



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| Age-based Rating | Content-based Rating |
|---|---|
| All | none |
| None | none |
| TV-Y | none |
| TV-Y7 | (FV) Fantasy Violence |
| TV-G | none |
| TV-PG | (D) Dialog<br>(L) Language<br>(S) Sex<br>(V) Violence |
| TV-14 | (D) Dialog<br>(L) Language<br>(S) Sex<br>(V) Violence |
| TV-MA | (L) Language<br>(S) Sex<br>(V) Violence |

When **All** has been selected, all items in the age-based and in the contents-based lists are locked. If, while **All** is selected, any other item, either an age-based or content-based item, is unselected, then All is automatically unselected.

**None** is the selection for items that either have no rating information or have a rating of **None**. Both will be locked. When an item on the age-based list is selected, all items below that item of the same group are locked as well. When you select a content-based rating, all identical content- based ratings in the younger age-based categories are also selected.

| | |
|---|---|
| **TV-Y** | appropriate for children of all ages with themes and elements suitable for children aged 2-6 |
| **TV-Y7** | programs designed for children age 7 and older |
| **TV-Y7-FV** | programs include fantasy violence more intense than other programs in the TV-Y7 category |
| **TV-G** | programs suitable for all ages. These programs contain little or no violence, no strong language and little or no sexual dialogue or situations |
| **TV-PG** | programs contain elements that some parents may find unsuitable for younger children and which may need parental guidance. The program may contain moderate violence, sexual dialogue and/or situations and some strong language. |
| **TV-14** | programs contain elements that may not be suitable for children under 14 years of age. These programs include one or more of the following: intense violence, intense sexual situations, suggestive dialogue and strong language. |
| **TV-MA** | programs are designed to be viewed by adults and may be unsuitable for children under the age of 17. These programs may contain graphic violence, explicit sexual activity and/or crude or indecent language. |



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## Movie Ratings Lock

This function allows you to control access to individual movies based on their MPAA ratings (Motion Picture Association of America).

1. Select Movie ratings lock with the cursor down. A list appears, showing all valid MPAA content ratings.
2. Press the cursor right to enter the list. You are asked to enter your code. (See Set/Change PIN, p. 20.) If the code is correct, the Movie ratings lock menu reappears.
3. Select a movie rating with the cursor up/down.
4. Press **OK** to activate/de-activate the selected rating.

Each rating item has a box-graphic in front of it to indicate whether or not programs carrying that rating are currently locked:

- ☒ : movies with this rating are locked;
- ☐ : movies with this rating are unlocked.

When **All** has been selected, all items on the movie ratings list become selected. (**All** movies are locked.) If, while All is selected, any other item is unselected, then **All** is automatically unselected.

When **NR** has been selected, no other item is selected.

When any other item has been selected, all ratings below are selected as well, thus all movies with those ratings will be locked.

| | |
|---|---|
| **NR** | not rated |
| **G** | movies with a mild content, suitable for all ages |
| **PG** | movies for which parental guidance is recommended. They may contain a few racy or violent scenes or maybe some bad language |
| **PG-13** | movies for which parental guidance may be recommended if under age 13 |
| **R** | restricted. The movies usually contain offensive sex or bad language and may be unsuitable for children under the age of 17. Parental guidance or permission needed. |
| **NC-17** | even with parental permission, forbidden under age 17. More offensive sex, violence or bad language. |
| **X** | movies which generally focus on sex, violence and/or bad language. Also known as pornography. |



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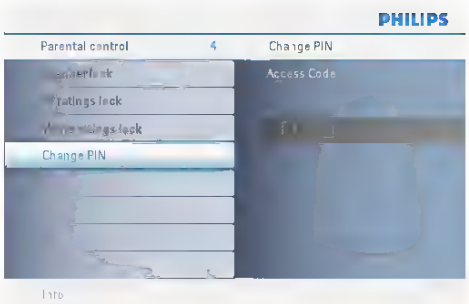


## Change PIN

1. Select **Set** or **Change PIN** with the cursor down.
2. If no PIN-code exists, the menu item is set to **Set PIN**. Follow the instructions on screen. If a PIN-code has previously been entered, the menu item is set to **Change PIN**. Follow the instructions on screen. All number combinations from 0000 to 9999 are valid numbers.
3. The **menu** reappears with a message confirming that the PIN has been created.

***Important: you hove forgotten your PIN!***

1. *Select Chonge PIN in the Menu preferences menu ond press the cursor right key.*
2. *Press the cursor right key to enter the overriding PIN code* ***0-7-1-1****.*
3. *Press the cursor ogoin ond enter o new personol 4-digit PIN code. The previous code is erosed ond your new PIN-code is stored.*



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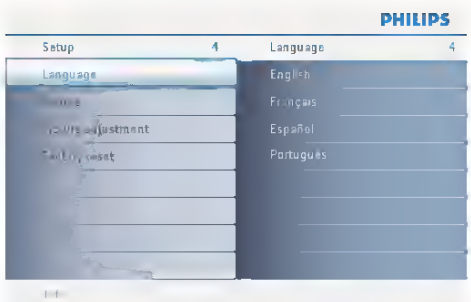
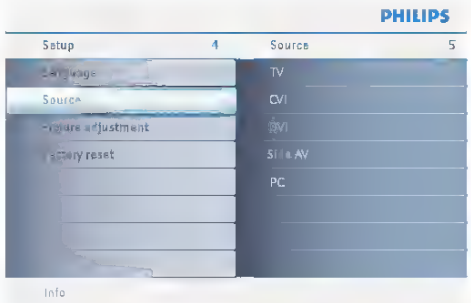



## Select the menu language

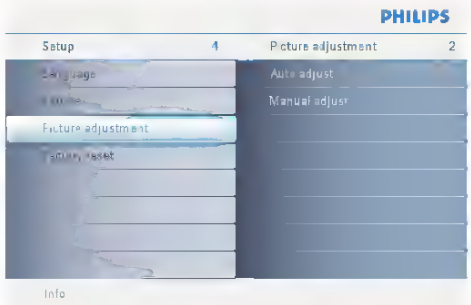
*Note: Press SOURCE button on the remote control to make sure the source is selected in PC mode.*

1. Press the **MENU** button on the remote control.
2. Use the cursor down to select **Setup** in the Settings menu.
3. Use the cursor right to enter the Setup menu.
4. Select **Language** and enter the list of available languages with the cursor right.
5. Select your preferred language with the cursor up/down and press the **OK** button to confirm you selection.
6. Proceed with the Setup menu.




## Source

1. Select **Source** in the Setup menu.
2. Use the cursor right to enter the Source menu.
3. Select **PC** with the cursor up/down and press the **OK** button to confirm your selection.




## Picture adjustment

1. Select **Picture adjustment** in the Setup menu.
2. Use the cursor right to enter the Picture adjustment menu.
3. You can choose **Auto adjust** or **Manual adjust** with cursor up/down and press **OK** button to confirm.

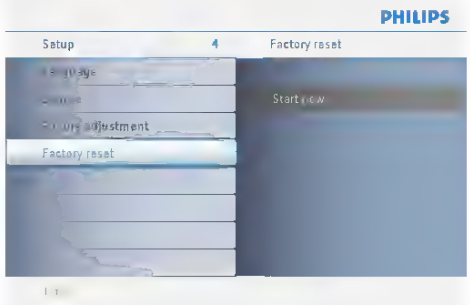
### Auto adjust

Automatically adjust to the best image position, phase and clock setting.

### Manual adjust

Manually fine tune the image as it appears on the screen.

- **Phase**
  Eliminates the horizontal interfering lines.
- **Clock**
  Eliminates the vertical interfering lines.
- **Horizontal**
  Adjust the horizontal placement of the picture.
- **Vertical**
  Adjust the vertical placement of the picture.




## Factory reset

This function allows you to reset most of the picture and sound settings to their default factory levels.

1. Select **Factory reset** in the Setup menu.
2. Use the cursor right to enter the Factory reset menu.
3. Press the **OK** button to erase settings and reset them to their default values.



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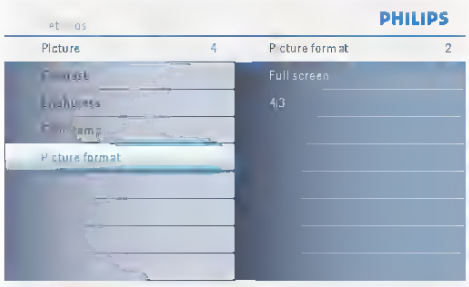


## Picture menu

1. Select **Picture** in the Settings menu.
2. Press the cursor right key again to enter the Picture menu.
3. Select the menu items with the cursor up/down key.
4. Adjust the settings with the cursor left/right key or enter the list of submenu items with the cursor right key. Select a submenu item with the cursor up/down key.

### Contrast

This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.

### Brightness

This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.

### Color temp

This will increase or decrease **Warm** (red) and **Cool** (blue) colors to suit personal preferences.
Select **Cool** to give the white colors a blue tint, **Normal** to give the white colors a neutral tint, **Warm** to give the white colors a red tint.

### Picture format

This menu item performs **4:3** or **Full screen** in PC mode.



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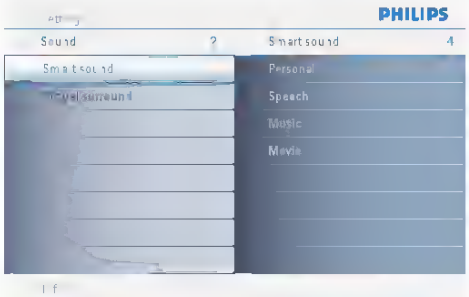
## Sound menu

1. Select Sound in the Settings menu.
2. Press the cursor right key to enter the sound menu.
3. Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.
4. Remember, control settings are at normal mid-range levels when the bar scale is entered.




## Smart Sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass.

1. Press the cursor right key to enter the list.
2. Press the cursor up/down key to select a predefined sound setting. Personal refers to the personal preference sound settings in the sound menu.

*Note: The moment you are in a predefined Smart sound setting and you modify a setting in the Sound menu, all values of the menu will overwrite the previously made in personal setting.*

## Virtual surround

Adds greater depth and dimension to PC sound.

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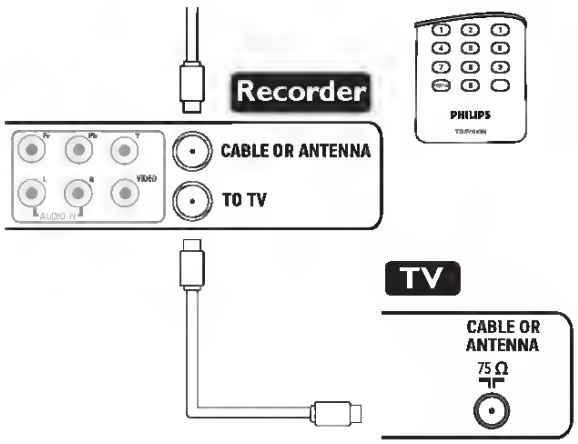
## Record with your recorder



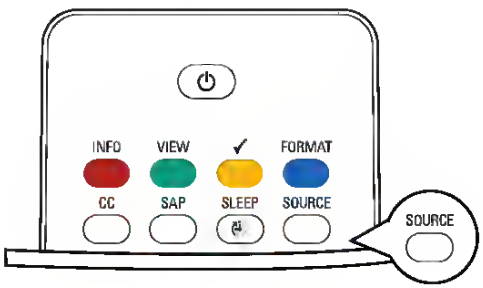

### Record a TV program

You can record a TV program using your recorders tuner without affecting your TV.

1. Select the channel number on your recorder.
2. Set your recorder to record.
   See the handbook for your recorder.

*Note: Switching channel numbers on your TV does not disturb recording !*

## To select connected devices




1. Press the **SOURCE** button repeatedly or select Source in the Settings menu (see p. 11) to select , **TV, CVI, DVI, Side AV ,** or **PC**, according to where you connected your devices.
2. Press the cursor up/down.
3. Press **OK**.



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## Trouble Shooting Tips

| Symptoms | Items to Check and Actions to follow |
|---|---|
| **"Ghost" or double images** | • This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture. |
| **No power** | • Check that the TV's AC power cord is plugged into the mains socket<br>• Unplug the television, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the television again. |
| **No picture** | • Check antenna connections at the bottom of the TV to see if they are properly connected to the TV.<br>• Possible broadcast station trouble. Try another channel.<br>• Adjust the contrast and brightness settings. Try another auto picture setting.<br>• Check the Closed Captions control. Some TEXT modes could block the screen.<br>• Check if you selected the correct AV source. |
| **No picture and power switched on** | • Your TV has a protective mode in case there is too much heat build-up. Check the clearance around the vents of the device to be certain there are no blocking walls or cabinets which would limit the air flow. |
| **Picture position adjustment** | When displaying a High Definition signal from the YPbPr inputs or HDMI input, if necessary, you can adjust the picture position to the center of the screen with the cursor left/right or up/down buttons on the remote control. This may be needed due to slight differences in output signals from different brands and types of HD source boxes.<br>*Notes: Most High Definition receiver boxes also have picture-positioning controls in their menu systems. If the TV cursor controls run out of range before the picture is correctly positioned, the receiver box controls will need to be adjusted.* |
| **No photo, music or video play or in poor quality only** | • Check if the source complies with a supported code. |
| **No sound** | • Increase the VOLUME.<br>• Check that the TV is not muted, press the MUTE button on the remote control.<br>• When no signal is detected, the TV automatically switches off the sound. This is proper operation and does not indicate a malfunction. |
| **Good sound but poor color or no picture** | • Adjust the contrast, color, tint and brightness setting. Try another auto picture setting. |
| **Snowish picture and noise** | • Check the antenna connection. |
| **Television not responding to remote control** | • Check whether the batteries are working. Replace if necessary.<br>• Clean the remote control sensor lens on the monitor.<br>• Operating range between TV and the remote control should not be more than approximately twenty feet.<br>• You can still use the buttons on the top of your TV.<br>• Check if the remote control is in the correct mode. |
| **Control of accessory devices** | • The infrared signals of the screen may influence the reception sensibility of other peripherals Solution: replace the batteries of the remote control of other devices. E.g. keep away a wireless headphone from within a radius of approximately four feet. |
| **The software will not install** | Possibly the operating system is wrong.<br>Go to www.philips.com/welcome to see which operating systems are supported. |
| **PC modes do not work** | • Check whether connections are correct.<br>• Check whether the source is correctly selected. Press SOURCE button to select the correct source.<br>• Check whether you have configured the computer on a compatible display resolution. |

| | |
|---|---|
| **Standby** | Your TV consumes energy less than 1w in the standby mode. |
| **After improper shutdown** | If your TV has been shutdown in an improper way (e.g. power drop, power cord plug out), starting up the TV again will take a longer time than usual. |
| **Miscellaneous** | See Extras, Specifications on this user manual. |



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| | |
|---|---|
| Aspect Ratio | The ratio between the width and height of the TV picture on the screen. In a normal TV set the aspect ratio is 4 to 3 (4:3). The new aspect ratio in HDTV is 16:9 which resembles the aspect ratio in a movie theatre (Widescreen). New TV systems support both 4:3 and 16:9 aspect ratio and can automatically switch between them. |
| Audio Video (A/V) | A term often used when discussing a channel on a TV receiver or on video equipment, which has been especially designed to accept VCR audio-video signals. This channel automatically activates special circuitry within the TV set to prevent picture distortion and skewing. It is also used for audio-video processors, which handle both types of signals. |
| CVBS | Composite Video Baseband Signal. In broadcast television this refers to the video signal, including the colour information and syncs. |
| Component Video Input (Y Pb Pr) | Component Video Input is a type of connection that uses a cinch-type connector to allow set top boxes or analog DVD players to connect a signal to the TV. By offering the cinch-type input (YPbPr) the primary colors, red, green and blue are connected from a set top box directly into the TV allowing for the signal to display on the screen. |
| DTV | Digital television. Generic term that refers to all digital television formats, including high-definition television (HDTV) and standard-definition television (SDTV). |
| HDTV | The generally agreed upon definition of HDTV is approximately twice the vertical and horizontal picture resolution of today's NTSC TV, which essentially makes the picture twice as sharp. HDTV also has a screen ratio of 16:9 as compared with most of today's TV screens, which have a screen ratio of 4:3. HDTV offers reduced motion artifacts (i.e. ghosting, dot crawl), and offers 5.1 independent channels of CD-quality stereo surround sound, (also referred to as AC-3). |
| NTSC | National television system committee. The organization that developed the analog television standard currently in use in the U.S., Canada, and Japan. Now generally used to refer to that standard. The NTSC standard combines blue, red, and green signals modulated as an AM signal with an FM signal for audio. |
| Progressive Scan | In Progressive Scanning all the horizontal scan lines are scanned on to the screen at one time. The Digital TV and HDTV Standards accept both Interlaced Scan and Progressive Scan broadcast and display methods. |
| Resolution | Resolution: A measurement of the finest (smallest) detail that is visible in a video image. TV Resolutions may be expressed as number of pixels in an image; or more commonly,<br>As Total Number of (horizontally scanned) Lines used to create the image.<br>Standard Digital TV Resolutions:<br>SDTV: 480i - The picture is 704x480 pixels, 480p - The picture is 704x480 pixels.<br>HDTV: 720p - The picture is 1280x720 pixels, 1080i - The picture is 1920x1080 pixels. |



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**WARNING** concerning stationary images on the TV
Screen: Do not leave fixed images on the screen for extended periods of time. This can cause uneven aging of the LCD panel. Normal use of the TV should involve viewing of programs that have constantly moving or changing images. Do not leave moving images on screen for extended periods of time. Do not display the same images too frequently; if you do, subtle "ghost" images can be left on the LCD screen. Sources of stationary images may be Laser discs, video games, Compact Discs Interactive (CD-i), paused Digital Video Discs (DVDs) or video tapes.

Here are some common examples of stationary images:
- DVD menus list DVD content.
- Letter box black bars that appear at the top and bottom of the TV screen when a wide screen (16:9) movie is viewed on a TV with standard (4:3) aspect ratio. This occurs with some DVDs.
- Video game images and scoreboards
- Television station logos cause a problem if they are bright and stationary. Moving or low-contrast graphics are less likely to damage the picture tube.
- Stock market tickers may appear at the bottom of the TV screen if the TV programming covers this news.
- Shopping channel logos, pricing displays may be bright and may appear constantly during the show. These usually appear in the same location on the TV screen.

**TV Location**
- To avoid cabinet warping, cabinet color changes, and an increased chance of TV failure, do not place the TV where temperatures can become excessively hot -- for example, in direct sunlight or near a heating appliance.
- Allow a free flow of air around the TV.

**Cleaning**
- To avoid possible shock hazard, remove the TV's power cord from the electrical outlet before cleaning.
- Regularly dust the TV with a dry, non-scratching duster.
- When cleaning the TV, take care not to scratch or damage the screen surface. Avoid wearing jewelry or using anything abrasive. Do not use household cleaners. Wipe the screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Occasionally vacuum the vents on the rear of the TV.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet. They may permanently blemish the cabinet.



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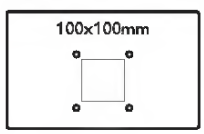
## Specification - TV

| | 19PFL4322 |
|---|---|
| **PICTURE/ DISPLAY** | |
| Aspect ratio | Widescreen |
| Picture Enhancement | Smart Picture (6 modes): Personal, Rich, Natural, Multimedia, Soft, Eco |
| **SOUND** | |
| Output Power (RMS) | 2x3W |
| Sound Enhancement | Mono, Stereo, Virtual Surround |
| Sound Mode | Smart Sound (4 modes): Personal, Speech, Music, Movies |
| **CONVENIENCE** | Auto Program, Closed Captioning Full Text, Sleeptimer, Clock |
| **ON SCREEN DISPLAY LANGUAGE** | English, Canadian French, Spanish, Portuguese |
| **CONNECTIVITY** | *75Ω / RF* |
| Bottom | *CVI-Component Video (YPbPr), Audio L/R input*<br>*PC- VGA, Audio*<br>*DVI*<br>*AC In* |
| Side | *Side AV-Earphone, Composite Video (Video In), Audio L/R input, S-Video* |
| **WEIGHT & DIMENSIONS** | |
| Weight (incl. Packaging): | 8.12 kg/17.90 lbs |
| Weight (excl. Packaging): | 6.71 kg/14.79 lbs |
| Carton Dimension (WxHxD): | 541 x 185 x 475 mm<br>21.30" x 7.28" x 18.70" |
| Product Dimension (WxHxD) | 490.2 x 413 x 218 mm<br>19.30" x 16.26" x 8.58" |
| **POWER** | |
| Power Consumption | 50W |
| Standby Power Consumption | < 1W |
| Mains Power | 100-240V, 60-50 Hz |
| **WALL MOUNT:** |  <br>Metric 4 (10mm) screws are needed for wall mounting (not included). |



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# PHILIPS LIMITED WARRANTY
# ONE (1) YEAR

**WARRANTY COVERAGE:**
PHILIPS warranty obligation is limited to the terms set forth below.

**WHO IS COVERED:**
Philips warrants the product to the original purchaser or the person receiving the product as a gift against defects in materials and workmanship as based on the date of original purchase ("Warranty Period") from an Authorized Dealer. The original sales receipt showing the product name and the purchase date from an authorized retailer is considered such proof.

**WHAT IS COVERED:**
The Philips warranty covers new products if a defect arises and a valid claim is received by Philips within the Warranty Period. At its option, Philips will either (1) repair the product at no charge, using new or refurbished replacement parts, or (2) exchange the product with a product that is new or which has been manufactured from new, or serviceable used parts and is at least functionally equivalent or most comparable to the original product in Philips current inventory, or (3) refund the original purchase price of the product. Philips warrants replacement products or parts provided under this warranty against defects in materials and workmanship from the date of the replacement or repair for ninety (90) days or for the remaining portion of the original product's warranty, whichever provides longer coverage for you. When a productor part is exchanged, any replacement item becomes your property and the replaced item becomes Philips' property. When a refund is given, your product becomes Philips' property.

**Note: Any product sold and identified as refurbished or renewed carries a ninety (90) day limited warranty.**

**Replacement product can only be sent if all warranty requirements are met. Failure to follow all requirements can result in delay.**

**WHAT IS NOT COVERED - EXCLUSIONS AND LIMITATIONS:**
This Limited Warranty applies only to the new products manufactured by or for Philips that can be identified by the trademark, trade name, or logo affixed to it. This Limited Warranty does not apply to any non-Philips hardware product or any software, even if packaged or sold with the product. Non-Philips manufacturers, suppliers, or publishers may provide a separate warranty for their own products packaged with the bundled product.

Philips is not liable for any damage to or loss of any programs, data, or other information stored on any media contained within the product, or any non-Philips product or part not covered by this warranty. Recovery or reinstallation of programs, data or other information is not covered under this Limited Warranty.

This warranty does not apply (a) to damage caused by accident, abuse, misuse, misapplication, or non-Philips product, (b) to damage caused by service performed by anyone other than Philips or Philips Authorized Service Location, (c) to a productor a part that has been modified without the written permission of Philips, or (d) if any Philips serial number has been removed or defaced, or (e) product, accessories or consumables sold "AS IS" without warranty of any kind by including refurbished Philips product sold "AS IS" by some retailers.

**This Limited Warranty does not cover:**
- Shipping charges to return defective product to Philips.
- Labor charges for installation or setup of the product, adjustment of customer controls on the product, and installation or repair of antenna systems outside of the product.
- Product repair and/or part replacement because of improper installation, connections to improper voltage supply, abuse, neglect, misuse, accident, unauthorized repair or other cause not within the control of Philips.
- Damage or claims for products not being available for use, or for lost data or lost software.
- Damage occurring to product during shipping.
- A product that requires modification or adaptation to enable it to operate in any country other than the country for which it was designed, manufactured, approved and/or authorized, or repair of products damaged by these modifications.
- A product used for commercial or institutional purposes (including but not limited to rental purposes).
- Product lost in shipment and no signature verification receipt can be provided.
- Failure to operate per Owner's Manual.

**TO OBTAIN ASSISTANCE IN THE U.S.A., PUERTORICO, OR U.S. VIRGIN ISLANDS...**
Contact Philips Customer Care Center at:
1-888-PHILIPS (1-888-744-5477)

**TO OBTAIN ASSISTANCE IN CANADA...**
1-800-661-6162 (French Speaking)
1-888-PHILIPS (1-888-744-5477) - (English or Spanish Speaking)

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